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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/562,274

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Robert Albertus Brondijk

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

BUTCHER, BRIAN M

ART UNIT

PAPER NUMBER

2627

MAIL DATE

DELIVERY MODE

12/09/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/562,274	Applicant(s) BRONDIJK ET AL.	
	Examiner BRIAN BUTCHER	Art Unit 2627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 November 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 - 4, 6, and 8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 - 4, 6, and 8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 November 2008 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 3, 6, and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue (United States Patent US 6,151,286), hereinafter referenced as Inoue, in view of Hitotsui (United States Patent Application Publication US 2002/0021629 A1), hereinafter referenced as Hitotsui, and further in view of Yoshida et al. (US 2002/0015370 A1), hereinafter referenced as Yoshida.

Regarding **claim 1**, Inoue discloses "A recorder for recording information on a [] recording medium" (column 1, lines 52 - 54 'a recording method and apparatus whereby, in recording compressed audio data on a magneto-optical disc'), "a writer controlled by a processor" (See figure 11, items 11 and 20 (The main controller 11 controls the recording unit 20.) and column 5, 47 - 50 'the main controller 11 of the audio transfer unit 10 furnishes audio data of the contents designated by the user from among the contents stored in the server 12 to the recording unit 20'), and "wherein the processor is operative to perform an update of a recorded area indicator on the [] recording medium in response to an update command" (column 12, lines 40 - 47 'The TOC0 information command (TOC0inf) is a command specifying the information

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recorded in the U-TOC sector 0 of the optical disc D. On reception of the TOC0 information command (TOC0inf) and the information on the track size and track mode next to the command, the recording unit 20 finds the recorded start and end addresses of the ATRAC data from the track size to record the TOC data in the U-TOC' (The TOC0 information command (update command) results in the TOC data being written in the U-TOC (recorded area indicator).). However, Inoue fails to disclose that the recording medium is a "write once recording medium", that an update command is "provided by a user of the recorder", and "wherein in response to the update command, only update of the recorded area indicator is performed and a track or a session of the write once recording medium is not closed, the track or the session remaining open for future recordings in the track or the session".

In a similar field of endeavor, Hitotsui discloses a recording/playback apparatus and editing method in which the updating of a R-TOC is made in response to an editing command issued from a user (paragraph [0326], line 5 (of paragraph) through paragraph [0327], line 5). In addition, in a similar field of endeavor, Yoshida teaches that it is known to provide a provisional TOC (recorded area indicator) comprising the address of an unclosed session (paragraph [0082] and figure 8). In other words, it is known to provide a recorded area indicator in which addresses of previously closed sessions are stored or "updated" in addition to the address of an unclosed session which is still available for further recording. Furthermore, Yoshida teaches that a provisional TOC is provided in a write-once recording medium (paragraph [0064], lines 6 – 10)

Therefore, it would have been obvious to one having ordinary skill in the art to modify the recording apparatus of Inoue by specifically using the teachings in Hitotsui to provide a command that is issued from a user that is ultimately responsible for the updating of a R-TOC (recorded area indicator) because one having ordinary skill in the art would want to update a management area in response to an editing operation. In addition, it would have been obvious to one having ordinary skill in the art to modify the combination of Inoue and Hitotsui by using the teachings in Yoshida to include "wherein in response to the update command, only update of the recorded area indicator is performed and a track or a session of the write once recording medium is not closed, the track or the session remaining open for future recordings in the track or the session" because one would want to utilize a management area to indicate the address of a current recoding session. Furthermore, it would have been obvious to modify the combination of Inoue and Hitotsui by using the further teachings in Yoshida to include operations on "a write once medium" because one would want to record once and maintain that one time recording as a record.

Regarding **claim 3**, Inoue, Hitotsui, and Yoshida, the combination of hereinafter referenced as IHY, disclose/teach everything claimed as applied above (see claim 1). Specifically, see the argument of claim 1 in regard to the combination of the recording method/apparatus of Inoue, the recording/playback apparatus/ editing method of Hitotsui, and the management area teaching of Yoshida meeting the limitations of the apparatus in claim 1. Furthermore, notice that the argument applied to the apparatus of

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claim 1 applies to the method of claim 3 in that the combination of IHY performs the method of claim 3.

Regarding **claim 6**, IHY disclose/teach everything claimed as applied above (see claim 1), in addition, Hitotsui discloses where the R-TOC is stored into a buffer memory 42, the R-TOC is updated in the buffer memory after an edit command, and the updated R-TOC is recorded back into the management area on the disc (see figure 21).

Therefore, it would have been obvious to modify the combination of IHY by using the further teachings in Hitotsui to maintain a R-TOC (recorded area indicator) in the memory of a recorder and then store the updated R-TOC to the management area of a recording medium because one having ordinary skill in the art would want to reduce physical access of the recording medium due to power management.

Regarding **claim 8**, IHY disclose/teach everything claimed as applied above (see claims 3 and 6). Specifically, see the previous argument with respect to claim 3 and see the argument of claim 6 with respect to IHY meeting the limitations of the apparatus of claim 6. Furthermore, notice that the argument applied to the apparatus of claim 6 applies to the method of claim 8 in that the combined apparatus of IHY performs the method of claim 8.

Claims 2 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Inoue, in view of Hitotsui, in view of Yoshida, and further in view of Suzuki (United States Patent US 6,198,708 B1), hereinafter referenced as Suzuki.

Regarding **claim 2**, IHY disclose/teach everything claimed as applied above (see claim 1), however, IHY fail to disclose "wherein the update command is a close track/session command".

In a similar field of endeavor, Suzuki discloses a disk driving device for rewritable disc which writes or updates the TOC information in response to the execution of a session-close command (column 3, lines 21 - 25 'The operation for closing the session and writing TOC information is called a session-close. After the session-close is executed, the data which has been already written, can be read by the CD-ROM driving device').

Therefore, it would have been obvious to modify the combination of IHY by using the teachings in Suzuki to include an "update command [being] a close track/session command" because one would want to be able to read the recording medium with a playback device (Suzuki, column 3, lines 21 - 25 'The operation for closing the session and writing TOC information is called a session-close. After the session-close is executed, the data which has been already written, can be read by the CD-ROM driving device').

Regarding **claim 4**, IHY and Suzuki disclose/teach everything claimed as applied above (see claims 3 and 2). Specifically, see the previous argument with respect to claim 3 and see the argument of claim 2 with respect to the combination of IHY and Suzuki meeting the limitations of the apparatus of claim 2. Furthermore, notice that the argument applied to the apparatus of claim 2 applies to the method of claim 4 in that the combined apparatus of IHY and Suzuki performs the method of claim 4.

Response to Arguments

Applicant's arguments with respect to claims 1 – 4, 6, and 8 have been considered but are moot in view of the new grounds of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRIAN BUTCHER whose telephone number is (571)270-5575. The examiner can normally be reached on Monday – Friday from 6:30 AM to 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young, can be reached at (571) 272 - 7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/BMB/
December 4, 2009

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627